



Figure 1.1. Diagram of a typical cell based on electron micrographs available in 1960. The four organelles that are the focus of the analysis in subsequent chapters – the mitochondrion, endoplasmic reticulum, lysosomes, and Golgi body (Golgi apparatus) – are clearly delineated. Reprinted from Jean Brachet (1961), *The living cell*, *Scientific American*, 205 (3), p. 7, with permission of Donald Garber, Executor of the Estate of Bunji Tagawa.